



NITFS

Compliance Registration



Product: SOCET SET / DataThruWay Version 5.3.1 for the production of Controlled Image Base (CIB)

Date: 02 August 2007

Expiration: 01 August 2009

Sponsor: National Geospatial-Intelligence Agency (NGA)

Registration #: 351

Developer: British Aerospace Electronic (BAE) Systems Geospatial Exploitation Products

☐ Initial Registration
☐ Supplemental/Update #
☒ Derived from Reg. #37

System

N-0105/98, §4.1.1

Product

N-0105/98, §4.1.2

Component

N-0105/98, §4.1.3

NITFS Features Implemented:

Format

NITF

☐ v2.1

☒ v2.0

☐ v1.1

NSIF

☐ v1.0

Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NODISPLAY

☐ POLAR

Data Extension Segments

☐ TRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☐ Controlled Extensions **

☒ Registered Extensions **

Tagged Record

Extensions

☒ RPFHDR

☒ RPFIMG

RPFDES

Complexity Level

NITF 2.1 CLEVEL

3 5 6 7

Interpret

Generate

NITF 2.0 CLEVEL

1 2 3 4 5 6 Oth

Interpret

Generate

Configurations Tested:

-Sun Solaris 8 and Solaris 9
-Windows XP and Windows NT 2000

Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer *

☐ IEEE Real *

☐ IEEE Complex *

Image Compression

☐ Not Compressed

☐ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsample

☐ JPEG Lossless

☐ JPEG 2000

☐ Bi-Level

☒ Vector Quantization

☐ Multispectral JPEG, Individual Band

Annotation Segment Types

☐ Bit Mapped **

☐ CCM, 2301

☐ CCM, 2301A

☐ Labels **

Text Segments

☐ STA

☐ QT1

☐ Q8S

☐ MTF

Interpret
Generate

Legend

☒ Fully implemented

☒ Partially implemented

☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division Chief

Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of product for the intended use. Optional NITFS features may not be implemented.